

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A computer readable storage medium having instructions, which when executed on a computer performs recognition and audible prompting on a client in a client/server system, the instructions comprising:

a module configured for use on the client and, when executed on a processor of a computer associated with the client, creates a dialog with a user using client side markup generated as a function of a set of controls; creates a dialog with a user, wherein the client side markup includes markup related to audible prompting of a plurality of questions and markup related to a grammar for recognition as a function of responses from the user, wherein the client side markup is adapted to prioritize prompting of the plurality of questions and generate audible prompts for the plurality of questions in a selected order as related to an order of the controls;

wherein using the client side markup, the dialog follows the selected order of prompting of to provide audible prompts to the user for one or more of the plurality of questions and receives inputreceive one or more responses to the audible prompts from the user to obtain values for fields of a form; and

wherein the dialog departs from the selected order to provide an additional prompt as a function of responses from the user when at least one responsewhen a response provided by the user to a previous audible prompt that was given in the selected order includes both an answer to a particularthe previous audible prompt that was given and additional information that is provided by the user in the response with the answer, and is not an answer to the particularprevious audible prompt that was given; and

wherein an the additional prompt is then provided to the user concerning the additional information before the dialog returns to the selected order to provide a next audible prompt that follows the previous audible prompt in the selected order; the additional prompt configured to obtain a value for at least one field of the form, wherein the additional prompt is provided before returning to the selected order and providing the next prompt in the selected order.

2-4. (Cancelled)

5. (Previously Presented) The computer readable storage medium of claim 1 wherein the module is configured to confirm that a recognized result is correct.

6. (Cancelled)

7. (Previously Presented) The computer readable storage medium of claim 1 wherein the module maintains information related to an order of responses received from the user, and wherein the module departs from the selected order to provide a prompt related to a previous response from the user in the information.

8. (Cancelled)

9. (Currently Amended) The computer readable storage medium of claim 4-7 wherein module maintains the information related to an order of responses received from the user as a stack.

10. (Previously Presented) The computer readable storage medium of claim 9 wherein the stack is of selected length such that the oldest information related to the oldest received response is removed when information is received related to the latest response from the user.

11. (Currently Amended) A computer implemented method for performing recognition and/or audible prompting on a client in a client/server system, the method comprising:

receiving client side markup, the client side markup including markup related to audible prompts of questions and markup related to a grammar used for recognition as a function of responses from a user, wherein the markup defines a selected order of the questions to prioritize prompting of the questions in a dialog with a user; and
creating the dialog on a client as a function of execution of the client side markup using a processor of a computer, wherein a semantic map includes a plurality of semantic items that maintain information related to responses received from the user for the

questions in the dialog wherein the dialog follows the selected order of the questions to obtain values from the user for fields of a form, wherein creating the dialog comprises:

- storing a plurality of semantic items that maintain information related to responses received from the user for the questions, the plurality of semantic items being stored in an ordered list;
- following the selected order to generating a first generate one or more audible prompts for a first one or more of the questions in the selected order, the first question in the selected order being associated with a first field of the form;
- receiving a user response to one of the first audible prompts that includes an answer to the first a question associated with the audible prompt that is indicative of a value for the first field of the form, wherein the user response includes and additional information provided by the in the user response with the answer that is, the additional information not being an answer to the first question, wherein;
- storing values for the answer and the additional information in the semantic map, wherein the answer is associated with one or more semantic items in the semantic map and the additional information is associated with one or more semantic items in the semantic map;
- maintaining, in a stack, a reference to the one or more semantic items in the semantic map associated with the additional information the additional information is associated with one or more semantic items in the ordered list;
- before proceeding with a next question that follows the question in the selected order, departing from the selected order of the questions by accessing the ordered list of semantic items stack and identifying the one or more semantic items associated with the additional information and, in response, generating an additional audible prompt that is related to the additional information at least one other

question, the at least one other question control being associated with a second field of the form; and

after the user has provided an answer to the at least one other question a response to the additional audible prompt, returning to the selected order of the questions to generate a next audible prompt for the next question in the selected order.

12-13. (Cancelled)

14. (Previously Presented) The computer implemented method of claim 11 wherein creating the dialog includes maintaining information related to an order of responses received from the user, and wherein the dialog departs from the selected order to provide a prompt related to a previous response from the user in the information.

15. (Previously Presented) The computer implemented method of claim 14 wherein creating the dialog includes maintaining information related to an order of responses received from the user as a function of an attribute for a prompt.

16-17. (Cancelled).

18. (Previously Presented) The computer implemented method of claim 14 wherein the defined dialog includes logic for modifying the maintained information related to an order of responses received from the user, and wherein creating the dialog includes modifying the maintained information pursuant to the logic.

19. (Cancelled)

20. (Currently Amended) The computer readable storage medium system of claim 1926, wherein the set of controls includes an attribute to indicate whether a response to a prompt will be maintained in an ordered list related to the order of responses received from the user, and wherein

the ordered list is of selected length such that the oldest information related to the oldest received response is removed when information is received related to the latest response from the user.

21. (Cancelled)

22. (Currently Amended) The computer readable storage medium system of claim 20 wherein the ordered list is indicative of a list of semantic items.

23. (New) The computer implemented method of claim 11, wherein the stack maintains references to a plurality of the semantic items in a manner to indicate when the plurality of semantic items have been modified, to reflect responses received, relative to one another.

24. (New) The computer implemented method of claim 23, wherein departing from the selected order comprises accessing the stack and identifying a first semantic item referenced in the stack, the first semantic item having been modified more recently than other semantic items referenced in the stack.

25. (New) The computer implemented method of claim 11, comprising:

receiving a first user response to the audible prompt from a first user, the first user response comprising an answer to the question associated with the audible prompt and a first combination of additional information, the first combination of additional information not being an answer to the question;
departing from the selected order of the questions by generating a first series of additional audible prompts related to the first combination of additional information;

receiving a second user response to the audible prompt from a second user, the second user response comprising an answer to the question associated with the audible prompt and a second combination of additional information, the second combination of additional information not being an answer to the

question and being different than the first combination of additional information; and

departing from the selected order of the questions by generating a second series of additional audible prompts related to the second combination of additional information, the second series of additional audible prompts being different than the first series of additional audible prompts.

26. (New) A computer readable storage medium having instructions, which when executed on a computer generate client side markup for a client in a client/server system, the instructions comprising:

a set of controls used on a server remote from a client for defining a dialog, the set of controls configured to generate client side markup in accordance with the dialog, wherein the set of controls comprises a plurality of question controls for generating markup related to audible prompting of a plurality of questions and at least one answer control for generating markup related to a grammar for recognition; and

a server module which, when executed on a computer, generates client side markup as a function of the set of controls, the client side markup including markup related to audible prompting of a plurality of questions and markup related to a grammar for recognition as a function of responses from a user, wherein the client side markup is adapted to prioritize prompting of the plurality of questions and generate audible prompts for the plurality of questions in a selected order as related to an order of the set of controls;

wherein the client side markup is configured to create a dialog with the user, wherein the dialog follows the selected order of prompting to provide audible prompts to the user for one or more of the plurality of questions and receive one or more responses to the audible prompts from the user, and wherein the dialog departs from the selected order to provide an additional prompt when a response provided by the user to a previous audible prompt that was given in the selected order includes both an answer to the previous audible prompt and additional information that is not an answer to the previous audible prompt that was given, and wherein the additional

prompt is provided to the user concerning the additional information before the dialog returns to the selected order to provide a next audible prompt that follows the previous audible prompt in the selected order.

27. (New) The computer readable storage medium of claim 26, wherein the client side markup is configured to, when executed on the client, maintain information related to an order of responses received from the user as a stack in memory associated with the client.

28. (New) The computer readable storage medium of claim 27, wherein the stack is of a selected length such that the oldest information related to the oldest received response is removed when information is received related to a latest response from the user.

29. (New) The computer readable storage medium of claim 26, wherein the client side markup is configured to, when executed on the client, maintain information related to an order of responses received from the user, and depart from the selected order to provide a prompt related a previous response from the user in the information.

30. (New) The computer readable storage medium of claim 29, wherein the information related to an order of responses received from the user is maintained as a stack.

31. (New) The computer readable storage medium of claim 30, wherein the stack is of a selected length such that the oldest information related to the oldest received response is removed when information is received related to a latest response from the user.